



The AT150 F1 dual-socket rack-mountable tower server delivers high availability, expansion capability, and flexibility. This robust tower server is an energy-efficient solution for SMBs and branch office deployments.

Seamless, solid computing

Intel® Xeon® processors 5600 series and up to 192 GB DDR3 memory ensure dynamic scalability for high-speed computing and memory-intensive operations. Hot-pluggable HDDs; memory protection via Mirroring and Lockstep modes; redundant, hot-pluggable system fans; and RAID 0, 1, 5 or 10 support increase server uptime for reliable data processing.

Superior flexibility and reliability

With up to eight HDDs, six PCIe® 2.0 expansion slots including Acer Flex I/O, and up to 12 DIMM slots, the AT150 F1 enables scale-up business flexibility. What's more, your data is secured with this server's built-in 6-channel SATA with software RAID 0, 1, 5 or 10.

Proactive management

This server offers robust management solutions: Acer Smart Setup for rapid system configuration, Acer Server Manager for smooth and effective data administration, and Acer Server Console for system health monitoring, alert notification, and KVM-over-IP remote management.

Cost-effective, energy-efficient operation

The tool-less chassis design makes component access easy and reduces maintenance and service costs. To top it off, Acer proudly supports and participates in the Climate Savers® Computing Initiative and 80 PLUS® program for eco-consciousness.



AT150 F1



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SPECIFICATIONS

Mainboard	Processor type	2 x Intel® Xeon® processors 5600 series		
	Chipset	Intel® 5520 chipset		
	Graphics	BMC embedded		
	Memory ¹	12 x registered or unbuffered memory DIMMs with Mirroring and Lock-step modes Registered DIMM size: 1/2/4/8/16 ² GB • Up to 192 GB registered DDR3 1333/1066 memory when populated in 12 DIMM slots Unbuffered DIMM size: 1/2/4 GB • Up to 48 GB unbuffered DDR3 1333/1066 memory when populated in 12 DIMM slots		
	Expansion slots	2 x PCIe® 2.0 x8 slots (in x16 connector)	PCIe® 1.0 x4 slot (in x8 connector)	
	Onboard ports	2 x PCIe® 2.0 x4 slots (in x8 connector)	Acer Flex I/O x8 slot	
		Front: • 2 x USB 2.0 ports Rear: • 2 x PS/2 ports (keyboard and mouse) • 4 x USB 2.0 ports • 2 x Gigabit LAN ports (RJ-45)	• Management port (RJ-45) • Serial port • Video port	
RAID ³	Integrated Intel® ICH10R Serial ATA host controller (6 x 3 Gb/s SATA ports) with RAID 0, 1, 5, 10 support ⁴			
SAS	Optional 8- / 4-port SAS RAID add-on card			
LAN controller	Dual-port Intel® 82576EB Gigabit Ethernet controller			
Security and service features	Mechanical lock	Administrator/user password	Device boot control	
	Chassis intrusion alert	Power-on password	Optional TPM (v1.2-compliant)	
		Setup password		
Sub-system availability	Power supply	560 W 80 PLUS® Gold-level fixed power supply unit		
	System cooling	2 x CPU heat sinks, supporting Intel® Xeon® processors with TDP up to 95 W Rear chassis fan with PWM control 3 x middle system fans with PWM control (N+1 redundant, hot-pluggable)		
	Storage	• Up to 4 x 3.5" SATA or SAS HDDs • Up to 8 x 2.5" SATA or SAS HDDs		
Chassis	Form factor	Tower 4U rack-mountable		
	Removable media bays	Up to 3 x 5.25" SATA DVD-ROM / DVD-Super Multi		
	Dimensions	434 (W) x 648 (D) x 178 (H) mm (17.2 x 25.5 x 7 inches) with bezel		
	Weight	28.5 kg (62.81 lbs.)		
OS support	Windows Server® 2008	Red Hat® Enterprise Linux® 5.4		
	Windows Server® 2008 R2	Novell® SUSE® Linux® Enterprise Server 11		
	Windows Server® 2003	VMware ESXi™ 4 VMware ESX™ 4		
Server management utilities and applications	Acer Smart Console Acer Smart Server Manager Acer Smart Setup iBMC management controller, supporting base board management and KVM-over-IP			
Warranty	1 year onsite intervention, and 2nd and 3rd year free spare parts standard warranty or choose extended warranties and services ⁵			
Regulatory compliance	Emissions classification (EMC)	FCC (Class A)	CE	BSMI (Class A)
	Industry standard compliance / safety	UL/cUL	CB	

1. Mixed use of registered memory and unbuffered ECC memory not supported.
2. 8 GB and 16 GB memory availability may vary by region.
3. Integrated Serial ATA RAID supports different RAID levels and different operating systems: RAID 0, 1, 5, 10 support for Windows® and RAID 0 1, 10 support for Linux® only.
4. Onboard RAID support varies by RAID type. Intel® onboard RAID supports RAID 0, 1, 5, 10 for Windows® OS. Adaptec onboard RAID supports RAID 0, 1, 10 for Red Hat® and SUSE® Linux® OS.
5. Extension warranty services may vary by country. Please contact Acer authorized resellers for more information.